Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Tuesday 17 Dec 2024 until 23:59 on Wednesday 18 Dec 2024

Forecast Issued on Tuesday 17 Dec 2024 at 02:17

Confidence: Milder conditions on Tuesday but turning colder for a time from mid week, high confidence for strong winds for much of the forecast period. Winds easing towards the weekend.

Headline for Tuesday 17 Dec 2024: Cloudy with light rain developing, rain turning heavier in the afternoon and evening with strong southerly winds reaching gale force later. Poor visibility on the fell tops for much of the day.

Mountain weather hazards on Tuesday 17 Dec 2024

Blizzards
No Likelihood

Gales
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
Low Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Fog	Cloudy	Light rain	Heavy Rain	Heavy Rain
Precipitation probability					
20%	20%	30%	60%	80%	80%

Forecast for Tuesday 17 Dec 2024

Weather: A cloudy day with winds gradually strengthening. Intermittent light rain at times in the afternoon then heavy spells developing in the evening. A few bright or sunny spells are possible in the sheltered east.

Chance of cloud-free hill tops above 800m: 40% in the morning improving to 60% for a few hours during the day with some eastern fell tops clearing.

Low cloud and visibility: Layers of cloud above 600m in the morning especially around western fells, poor visibility at times in drizzly rain. Cloud breaks possible early in the afternoon but still some scattered cloud above 600m in the afternoon then cloud becoming persistent above 400m in the evening. Visibility good at times outwith rain, with some views possible.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 17 Dec 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	29/34 SW	36/43 S	41/50 S	38/47 S	47/59 S	57/71 S	58/72 S
600	26/33 SW	29/39 S	36/47 S	34/46 S	38/52 S	42/57 S	44/60 S
300	9/24 SW	7/25 S	14/36 S	14/36 S	13/38 S	14/43 S	16/45 S
Valley	7/21 S	7/23 S	10/27 S	11/28 S	12/34 SE	15/41 S	19/44 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-3	4/-3	3/-4	4/-4	3/-5	4/-5	7/-0
600	6/-0	5/-1	5/-1	5/-1	5/-2	5/-2	8/2
300	7/5	6/4	7/3	7/3	6/3	7/3	9/6
Valley	9/7	9/7	9/7	9/7	8/6	9/6	11/7
Freezing Level*	1400m	1600m	1300m	2500m	2600m	2700m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level above all summits. Gales on the summits late in the day then widespread upland gales in the evening with gusts of 70mph on the summits.

Forecast for Wednesday 18 Dec 2024

Weather: Feeling colder, bright with some showers developing, sunny spells outwith showers. Strong southwesterly winds, gales on the summits early in the day. Heavy rainfall spreading east during the evening.

Maximum wind: Southwesterly 40-50mph gusts 70mph overnight decreasing Westerly 30mph gusts 40mph in the morning.

Chance of cloud-free hill tops above 800m: 80%, some lower cloud in showers.

Low cloud and visibility: Few or scattered low cloud above 700m on western fell tops, cloud thickening and lowering in heavier showers. Very good visibility out with showers falling moderate in heavier showers.

Temperature: **Valleys:** Plus 12 falling to 6 Celsius.
At 800m: Plus 7 falling to 1 Celsius.
Freezing level: Above summits, lowering to 1000m in the evening.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 16 December 2024. Location: Helvellyn summit at 11:30. Full report: Another relatively warm day for December but gale force winds and heavy showers on the fell tops. There is currently no snow or ice in the Lake District. Summit temperatures were well above freezing but the windchill or feels like temperature was below minus five degrees C. Full winter clothing including plenty of layers and a wind and waterproof shell plus hats and gloves are essential. Hypothermia is a very real risk in these conditions especially if you are unable to move for some reason. Other kit should include a headtorch, whistle, survival bag, mobile phone plus a couple of reliable and weatherproof means of navigation.Temperature: plus 4.2 C, Maximum wind speed 58.9 mph, Wind chill: minus 5.3 C, Average wind speed: 43.1 mph

Issued at: 02:17 on Tue 17 Dec 2024

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